



PIZZA FOR SCIENCE

**EXPLORE THE
SCIENTIFIC METHOD
BY
EATING PIZZA!**



MANY THANKS TO RACHEL FITZGERALD MCNAMARA
FOR INSPIRATION AND PERMISSION TO ADAPT

CHARLES COUNTY PUBLIC SCHOOLS

5305 PINEY CHURCH ROAD
WALDORF, MD 20602

301.934.7464

WWW.CCBOE.COM/SCIENCECENTER

1. ASK A QUESTION

Which pizza
is the best?



A lot of people are eating
take-out and delivery right
now. One of the most
popular delivery foods
is pizza.

We want to know which
pizza is the best.



Draw or paste/tape a picture of you (the scientist) here.

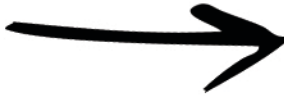
2. RESEARCH YOUR QUESTION

What kind of pizza will you order?

Cheese Pepperoni Sausage

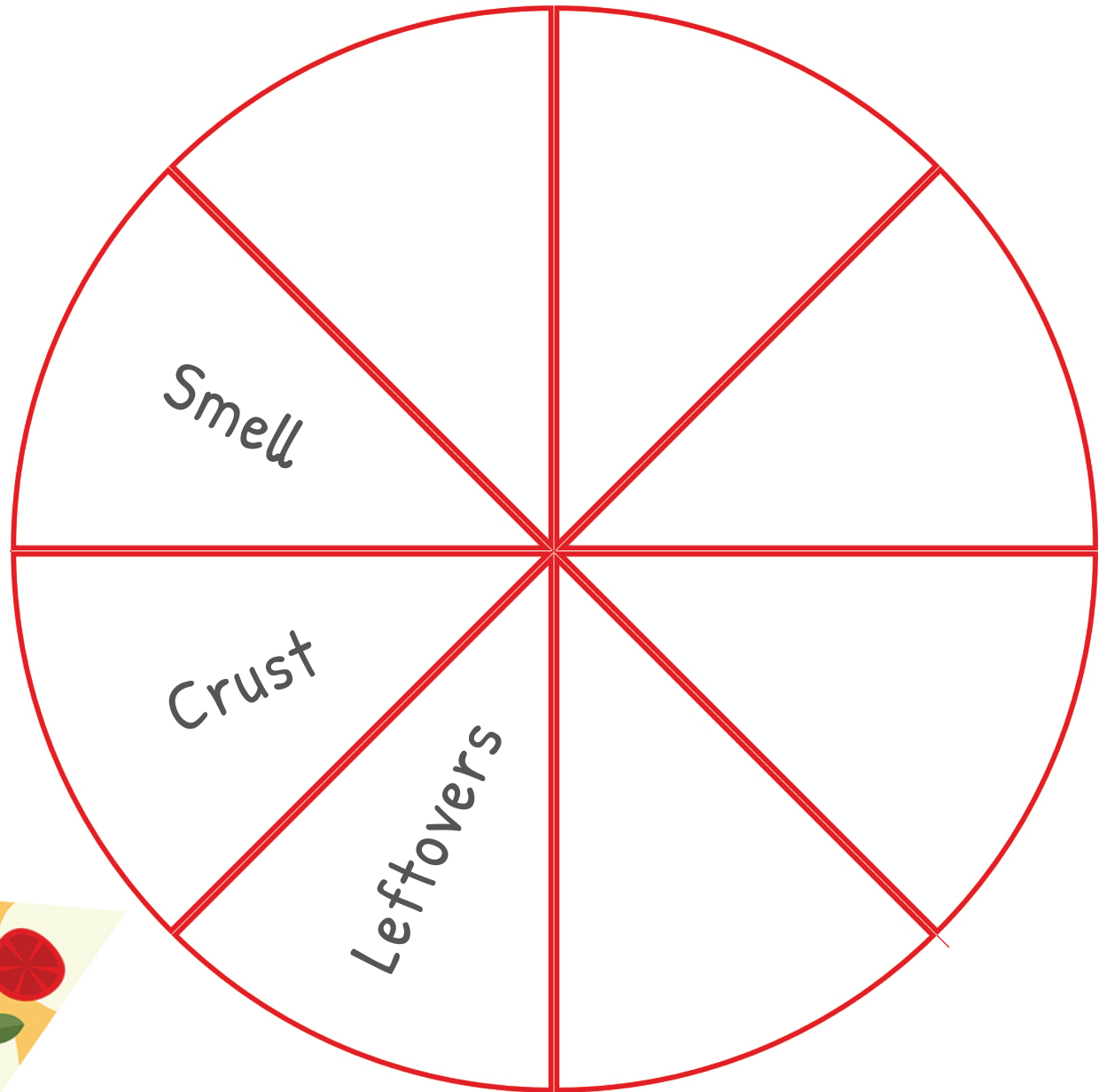
Other: _____

What makes that kind of pizza good?
Write your ideas in the slices of
pizza to the right.



We've included a few
to get you started.

Not enough slices are all your ideas
of what makes pizza good?
Use the spaces below.



3. HYPOTHESIS

Order pizza from 2-3 places.
Where did you order your pizza from?

A **hypothesis** is what you think the answer to your question might be. Think of it as an educated guess.

My hypothesis is that _____ has the best pizza.



4. DESIGN EXPERIMENT

Before starting an experiment you need to design how you will do the experiment. Below are some questions to think about.

How does the pizza arrive? Delivery? Carry-out?

Who tastes the pizza?

Who gives out the pizza?

How much pizza does each person get?

What are some other things you need to know?

We have included a recommended experiment to the right. Feel free to use that or your own experiment.



1. Order pizza delivery from 3 places.
2. Pizzas arrive. Tip the delivery people.
3. Monique secretly assigns a number to each pizza.
4. Monique gives a small bite of each pizza to Patrick, Jennifer, and Mary, starting with pizza 1, then pizza 2, then pizza 3.
5. Patrick, Jennifer, and Mary vote for their favorite pizza for each characteristic you developed in Step 2.
6. Monique records the results on the chart from Step 5.
7. If you decide to use "Leftovers" as a characteristic, be sure to save enough pizza for the next day.

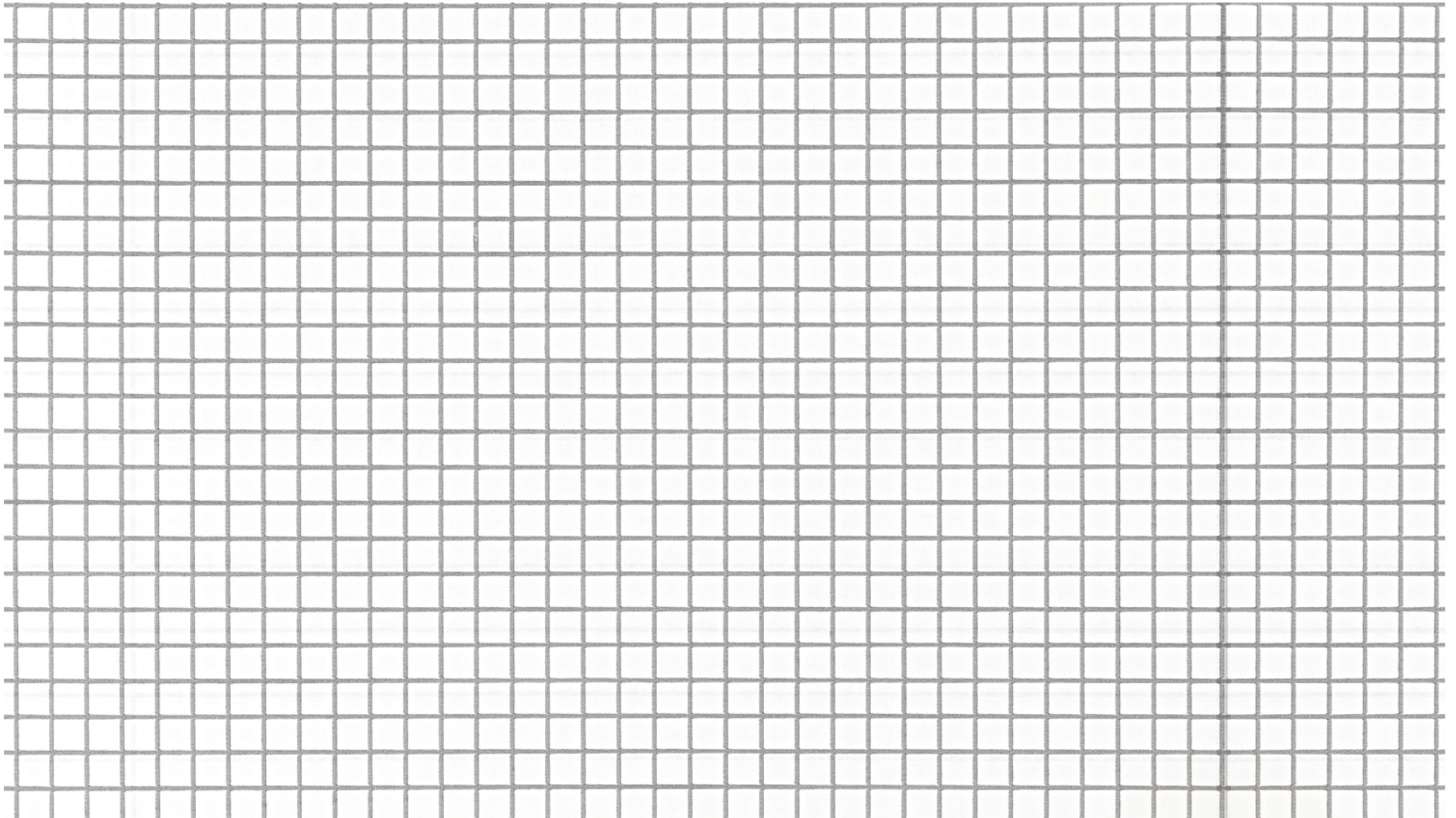
5. CONDUCT EXPERIMENT

Use the chart below to record the results of the experiment.

[illegible]

6. ANALYZE RESULTS

Remember, you are trying to find out which pizza was best. How can you use the chart on the last page to determine which pizza is the best? We've provided some graph paper below in case you would like to make a graph. Stuck? Check out the next page for an example.



EXAMPLE GRAPH



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